TABLE 7-5b

Early career doctorates who indicate that various aspects of their sampled positions exceeded their expectations, by demographic characteristics: 2017 (Percent)

Selected characteristic	Increased subject matter knowledge	Conducted own independent research	Published papers	Presented papers at a professional conference	Taught courses	Provided clinical or professional services	Supervised others	Wrote grant proposals	Worked in interdisciplinary research environments	Collaborated or networked with colleagues	Developed marketable products
Number of early career doctorates for whom the item was applicable (denominator)	184,100	176,500	176,500	177,700	170,600	91,100	164,900	160,900	168,600	182,700	96,200
Percentage of early career doctorates	24.5	17.2	11.6	14.2	21.0	8.1	23.0	13.7	17.8	20.2	7.9
Sex											
Female	24.1	15.0	10.0	13.7	22.1	9.7	24.5	13.6	16.4	20.3	8.1
Male	24.8	19.1	13.0	14.7	20.0	6.5	21.5	13.8	19.0	20.1	7.8
Citizenship and sex											
U.S. citizen or permanent resident	23.8	15.9	11.2	13.9	22.0	8.6	23.6	13.9	16.5	19.7	7.9
Female	23.8	14.1	9.7	13.4	22.6	9.9	25.1	13.5	15.7	19.9	8.4
Male	23.8	17.8	12.6	14.4	21.4	7.1	22.1	14.4	17.4	19.6	7.5
Temporary visa holder	27.6	23.3	13.8	15.9	14.7	5.2	19.6	12.7	23.7	22.3	8.0
Female	26.2	22.2	12.6	16.1	16.5	7.6	20.0	14.9	21.9	23.7	5.8
Male	28.3	23.8	14.3	15.8	13.9	4.1	19.4	11.6	24.6	21.7	8.8
Ethnicity and race											
Hispanic or Latino	30.6	18.2	12.9	15.8	22.2	8.6	21.1	13.1	20.9	19.6	7.5
Not Hispanic or Latino											
Asian	25.1	20.6	14.6	14.3	18.9	7.9	16.2	12.7	20.2	21.1	9.6
Black or African American	27.5	16.9	10.3	14.8	24.2	7.3	23.8	16.9	17.9	25.2	11.7
White	23.4	15.9	10.5	13.8	21.0	8.1	25.0	14.0	16.7	19.5	6.9
Other race and ethnicity	24.0	20.0	13.5	18.5	24.9	10.3	27.5	10.1	16.4	21.7	11.7
Age quartile											
32 years and under	29.8	22.7	15.2	18.1	17.1	8.4	25.3	17.7	21.1	23.0	10.5
33-35 year	23.7	17.9	11.7	14.3	20.1	7.0	22.6	13.4	19.9	20.7	8.3
36-40 years	22.5	16.2	9.4	12.3	20.8	8.4	25.5	14.2	16.7	19.2	6.7
41 years or older	22.9	13.1	10.6	12.8	24.3	8.5	19.6	10.5	13.8	18.5	6.5
Marital status											
Never married	26.0	18.6	11.0	15.4	20.8	5.6	22.3	14.2	21.1	22.3	8.6
Married	24.0	17.5	12.1	14.3	19.9	8.6	22.7	13.6	17.6	20.0	8.1
Marriage-like relationship	23.1	15.8	10.7	12.6	26.7	11.0	26.0	14.8	13.8	17.3	7.9
Separated, divorced, widowed	27.6	11.0	7.5	10.8	29.5	6.6	24.4	12.0	14.5	19.2	3.7
Dependents											

TABLE 7-5b

Early career doctorates who indicate that various aspects of their sampled positions exceeded their expectations, by demographic characteristics: 2017 (Percent)

Selected characteristic	Increased subject matter knowledge	Conducted own independent research	Published papers	Presented papers at a professional conference	Taught courses	Provided clinical or professional services	Supervised others	Wrote grant proposals	Worked in interdisciplinary research environments	Collaborated or networked with colleagues	Developed marketable products
With dependents	23.4	16.8	11.9	14.0	20.9	8.7	22.6	14.0	16.7	19.2	6.9
Without dependents	25.6	17.6	11.4	14.4	21.0	7.5	23.4	13.4	18.9	21.2	9.1
Disability status											
With disability	23.3	16.0	10.0	13.0	22.8	8.3	25.5	13.7	16.5	19.7	8.8
Without disability	24.9	17.6	12.2	14.7	20.3	8.0	22.0	13.7	18.2	20.4	7.6

Note(s):

Counts are rounded to the nearest 100. Percentages are calculated from unrounded counts and rounded to the nearest 10th of a percent. "Not applicable" responses are excluded from the denominator for each column variable.

Source(s):

National Center for Science and Engineering Statistics, Early Career Doctorates Survey, 2017.